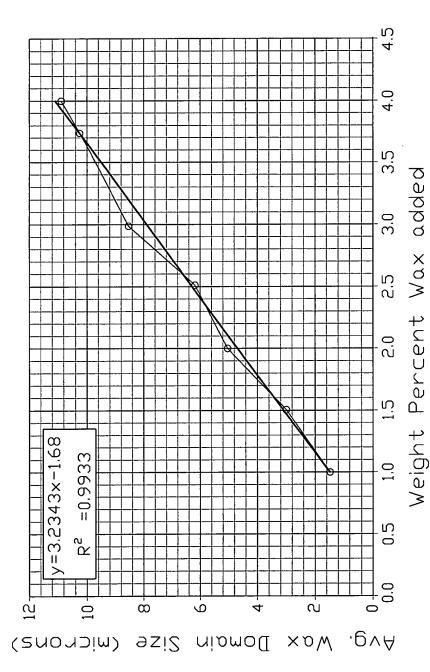
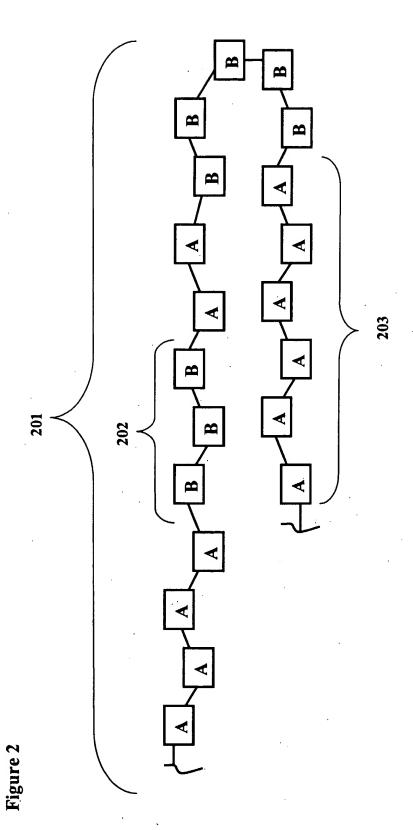
FIG. 1

Percent Added Wax in Uncompatibilized Toner Wax Domain Size as a Function of





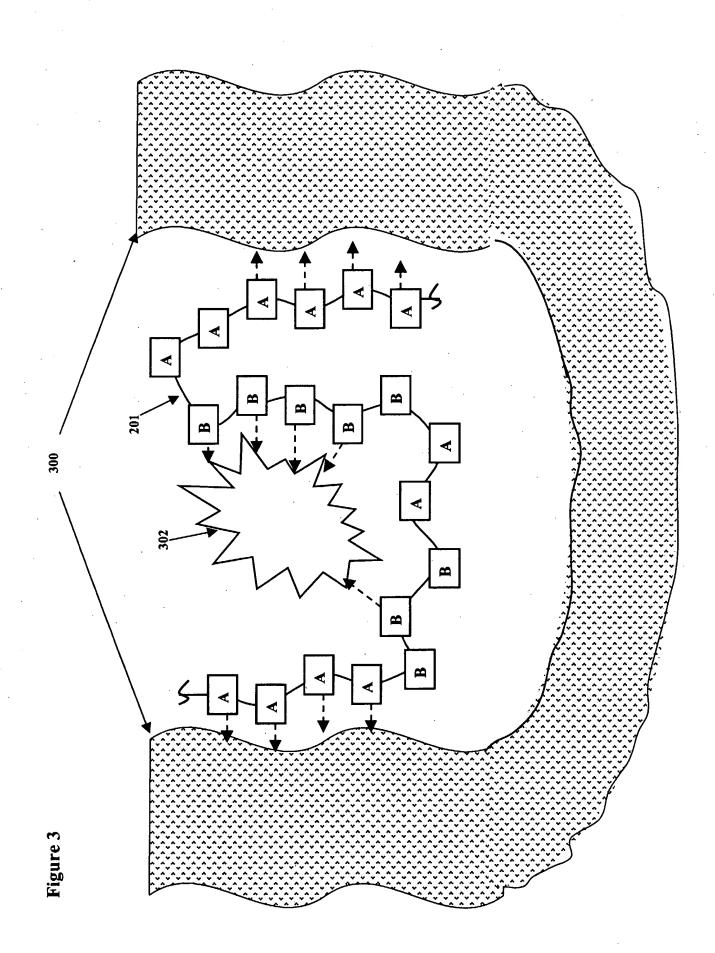


FIG. 4α

Base Resin	100 parts (weight) Styrene/Acrylic random copolymer 80/20	Same as example 1			
Example Number	1	2	ε	4	ഥ

FIG. 4b

Wax Additive	Random Copolymer (compatabilizer)
4 parts (weight) polyethylene wax	2 parts (weight) 81/19 wt. % ethylene/n-butyl acrylate random copolymer (high molecular weight)
Same as example 1	3 parts (weight) 81/19 wt. % ethylene/n-butyl acrylate random copolymer (low molecular weight)
4 parts polypropylene wax	2.5 parts (weight) 81/19 wt. % ethylene/n-butyl acrylate random copolymer (high molecular weight)
Same as example 1	2.5 parts (weight) 60/20/20 weight ratio ethylene/ethyl acrylate-graft-polystyrene copolymer (high molecular weight)
3 parts (weight) polyethylene wax	1.5 parts (weight) 81/19 wt. % ethylene/n-butyl acrylate random copolymer (high molecular weight)

FIG. 4c

Other Additives	Maximun Wax Domain Size (microns)
Carbon black or magnetite, proprietary materials of charge control and control of other toner properties.	3.5
Same as example 1	5.5
Same as example 1	4.5
Same as example 1	2,3
Same as example 1	2.5

>

FIG. 5α

Base Resin	100 parts (weight)	100 parts (weight)	100 parts (weight)	100 parts (weight)
	Styrene/Acrylic random	Styrene/Acrylic random	Styrene/Acrylic random	Styrene/Acrylic random
	copolymer 80/20	copolymer 80/20	copolymer 80/20	copolymer 80/20
	100 p	100 p	100 p	100 p
	Styre	Styr	Styr	Styr
	copol	copol	copol	copol
Example Number	9	7	ω	6

FIG. 5b

Wax Additive	Random Copolymer (compatabilizer)
polyethylene wax	s parts tweight. 30/70 wt. % ethylene/n-butyl acrylate random copolymer (high molecular weight)
2.5 parts (weight) polyethylene wax	1.0 parts (weight) 60/20/20 wt. % ethylene/ethyl acrylate/ styrene random copolymer (high molecular weight)
4 parts (weight) polyethylene wax	3 parts (weight) 55/15/30 wt. % ethylene/glycidyl methacrylate/styrene random copolymer (high molecular weight)
4 parts (weight) polyethylene wax	3 parts (weight) 55/15/30 wt. % ethylene/glycidyl methacrylate/styrene random copolymer (high molecular weight)

FIG. 5c

□ther Additives	Performance as a toner resin
Carbon black or magnetite, proprietary materials of charge control and control of other toner properties	satisfactory
Carbon black or magnetite, proprietary materials of charge control and control of other toner properties	satisfactory
Carbon black or magnetite, proprietary materials of charge control and control of other toner properties	satisfactory
Carbon black or magnetite, proprietary materials of charge control and control of other toner properties	satisfactory